



# Idaho Board of Licensure of Professional Engineers and Professional Land Surveyors

April 2014

NEWS BULLETIN 53rd EDITION

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John W. Howe, P.L.S., Chair, Coeur d'Alene

George L. Wagner, P.E., Vice Chair, Boise

John Elle, P.E., P.L.S., Secretary, Pocatello

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## INTRODUCTION

This NEWS BULLETIN is distributed a minimum of twice per year by the Idaho State Board of Licensure of Professional Engineers and Professional Land Surveyors to inform the public and the State's Professional Engineers and Professional Land Surveyors of those events which significantly affect the professions.

## Board Member Highlights



Board elects **George Wagner** as Chairman for the next year  
The Board elected a new chairman to succeed John Howe when John's term expires in May. George Wagner will serve as chairman for one year.



Board elects **John Elle** as Vice Chairman for the next year  
The Board elected a new vice chairman to succeed George Wagner when George's term expires in May. John Elle will serve as vice chairman for one year



Board elects **George Murgel** as Secretary The Board elected a new secretary to succeed John Elle when John's term expires in May. George Murgel will serve as secretary for one year.



# Introduction



## Idaho Board vice Chairman George Wagner Commissions New PE's

The Southwest Chapter of the Idaho Society of Professional Engineers celebrated **Engineers' Week** with a lunch banquet to recognize newly licensed Professional Engineers and to honor Boise State University students with awards that recognize student achievement. The ceremony was attended by 90 members in Boise who came to support this important event.

Each new licensee cited the following pledge that dedicates their service to the benefit of the public.

*As a member of an honorable and learned profession  
I dedicate my professional knowledge and skill  
To the advancement and betterment of human welfare  
I pledge to give the utmost of performance  
To live and work according to the laws of mankind  
And the highest standard of professional conduct  
To place service before profit  
The honor and standing of the profession before personal advantage  
And the public welfare above all other considerations  
In humility and with the need for divine guidance  
I make this pledge*

## Introduction



### Boise State Engineering Students Recognized

The SW Chapter of Idaho Society of Professional Engineers recognized the top junior engineering students at Boise State University during the annual e-Week luncheon on February 18. These outstanding students are:

**Lacie Rasley, Kai Risung, Cody Breckenridge, Aaron Maness, Meagan Papac, Riley Parish and Nick Kempf.** Not pictured: **Kevin Warburton.**

#### Civil Engineering

**Kai Risung** (winner): An intern at Riverstone Structural Concepts, Kai has been involved in both the Civil Engineering and Heavy Civil Design Clubs. His future plans include a career in structural design.

**Lacie Rasley** (runner-up): Lacie has made the Deans List with high honors every year and is a member of the Engineering Honor Society. Her dream is to work in environmental engineering at the Department of Environmental Quality.

#### Electrical & Computer Engineering

**Cody Breckenridge** (winner): Cody interned for Idaho Power last summer, where he served as a member of the Research Development & Deployment team, and where he would like to continue to work following graduation.

**Aaron Maness** (runner-up): Before attending college, Aaron served his country in the United States Marine Corps. Last summer he interned for NASA's Pathways program researching development in power systems and solar electric propulsion. He is on course to permanent employment with NASA.



# Introduction

## Materials Science & Engineering

**Meagan Papac** (winner): Meagan's research on electrical properties in ceramics sparked her interest in sustainable energy. Her future plans include graduate school and making a difference in the future of sustainable energy applications.

**Riley Parish** (runner-up): Riley's undergraduate research includes electrochemical energy storage. On the Dean's List each semester, his long-term goals include graduate school and making a difference in both industry and academia.

## Mechanical & Biomedical Engineering

**Kevin Warburton** (winner): Kevin has already completed a summer of undergraduate research at the University of Nebraska in Lincoln, and is applying for a position at the Robotics Institute at Carnegie Melon.

**Nicholas Kempf** (runner-up): Nicholas, a 4.0 student, is pursuing three bachelor degrees. He is also an entrepreneur, funding his education through his own business: Imagine Toy Company LLC. His future plans include graduate school.





## Board Decisions

### Board Issues Q&A on Elevation Certificates

#### Elevation Certificates -- can engineers and surveyors sign and seal?

Prior to the amendment to the code in July, 2012, which added the words "or to certify elevation information", there was no mention of elevations in the code for either engineers or surveyors. The discussion regarding elevation certificates provided an opportunity to inject the 3rd dimension, elevations, into the code.

Engineers went about their work designing and certifying plans for roads, sewers, water, grading and drainage, hydrologic studies and the determination of the base flood elevation (where FEMA did not have a published BFE and an engineer probably did the BFE for the mapping). All of these plans and studies required the engineer to certify elevations.

Surveyors performed and certified topographic surveys, bench mark networks, elevations of buildings & radio towers, surveys for engineering design and FEMA elevation certificates. When surveyors stamped these drawings or reports, they were certifying elevations.

“Now that the code  
has been amended,  
what has changed  
in practice?  
Nothing!”



Now that the code has been amended, what has changed in practice? Nothing!

The amendment merely codified what was already being practiced. It does not encourage working beyond the area of expertise or allow anything that was not already being done. It does not tell an engineer to do surveys for FEMA elevation certificates, nor does it tell a surveyor to do hydrologic studies or road, drainage and sewer plans.





## Board Decisions

### Board Response to Conflicts of Interest Question on the Revised Rule

A revised rule regarding conflicts of interest was approved by the legislature and is now in effect. The new rule reads as follows:

#### **IDAPA 10.01.02.008. CONFLICT OF INTEREST.**

**1. Conflict of Interest to Be Avoided.** Each Licensee or Certificate Holder shall conscientiously avoid conflict of interest with an employer or client, and, when unavoidable, shall forthwith disclose the circumstances in writing to the employer or client. In addition, the Licensee or Certificate Holder shall promptly inform the employer or client in writing of any business association, interests, or circumstances which could influence a Licensee's or Certificate Holder's judgment or quality of service, or jeopardize the clients' interests.

**05. Solicitation From Agencies.** A Licensee, a Certificate Holder or a representative thereof shall not solicit or accept a contract from a governmental authority on which an existing officer, director, employee, member, partner or sole proprietor of his organization serves as a member of the elected or appointed policy and governing body of such governmental authority or serves as a member of an entity of such governmental authority having the right to contract or recommend a contract for the services of a Licensee or a Certificate Holder.

**06. Professional Services Decisions of Agencies.** A Licensee, Certificate Holder or representative thereof serving as a member of the governing body of a governmental authority, whether elected or appointed, or an advisor or consultant to a governmental board, commission or department shall at all times be subject to the statutory provisions concerning ethics in government, Idaho Code §§ **59-701** et seq. A violation of the Ethics in Government Act will be considered a violation of these rules.





## Board Decisions

**A question came up about engineers and surveyors who serve on a county planning commission.**

**Here is the board's reply.**

**Dear Mr. Engineer / Surveyor:**

*I am the attorney for the Idaho Board of Licensure of Professional Engineers and Professional Land Surveyors (Board). At its most recent meeting, the Board took under consideration your oral query to one of the Board members regarding the pending rule pertaining to conflict of interest. My understanding is that you have inquired as to whether or not the pending rule regarding conflict of interest would preclude engineers and land surveyors who occasionally do work for the county from holding a volunteer position on that county's planning commission.*

*First and foremost, the pending rule does not preclude anyone from serving on a governmental body, whether as a volunteer or elected official. However, in those cases where a person chooses to work as part of a governing board that has the ability to contract or recommend a contract, the elected or appointed official's business may not solicit or accept contracts from that governmental authority. That is the meaning of section 008.05 of the pending rule. In addition, there are several criminal statutes that might apply in such a situation.*

*The Board does not have any information as to the particulars of the planning commission you refer to and cannot advise you as to what course of action you should take. The Ethics in Government Act requires all public officials to confer with their municipal counsel before taking action that may financially benefit the person's private business or family. You should definitely confer with the county prosecutor before you take any action if you still intend to do business with the county.*

*Yours very truly,*

**MICHAEL J. KANE**

**The key point of the new rule is that licensees or certificate holders in elected or appointed offices who are able to contract or recommend a contract for engineering and/or surveying services may find they or their company can no longer solicit or accept a contract with the same government entity. It is no longer sufficient to hold office and recuse yourself from those decisions.**





## Board Decisions

### Board Responds to Record of Survey Question

Do survey monuments have to be set as shown on the record of survey (ROS) as recorded, or can they be set after the record of survey is recorded?

Answer: **55-1904 & 1906** Idaho Code, require monuments to be set as shown on the ROS prior to recording the ROS.

### Board Responds to Inquiry about Qualifications Based Selection

**An inquiry was made concerning the QBS laws and their applicability to selections under \$25,000. The reply is as follows:**

Good afternoon, Mr. Engineer/Land Surveyor:

At its meeting March 3-4, 2014, in Pocatello, Idaho, the Board reviewed your comments/questions regarding IDAPA 10.01.02.009.05 and Idaho Code **67-2320**. As you noted, the Rule cites specifically section (2)(a) of the Code, but is silent on the remainder. The Board's intent in writing the Rule was that licensee's should follow the Code. Licensees may not enable agencies of the government by submitting bids requested by them contrary to the Code. The section of Code cited in the Rule lays out the steps needed for projects over \$25,000 as you noted. Section (3), for projects under \$25,000, allows them to use a process of their own creation, but does not authorize them to solicit bids in the Board's opinion.

## Board Decisions

### The Board asked for the Qualifications-Based Selection Facilitator's Council opinion of the Code section and Teri Ottens, on their behalf, replied:



"If a project is projected to come in under \$25,000 this does not release the governmental entity from the need to use qualifications and not cost as their initial guide in selecting a design professional. It does release the entity from the more onerous requirements of **67-2320 (2)** which requires a very formal procurement process. If you note the section from Idaho Code **67-2320 (3)** concerning projects under \$25,000 it allows you only two options - to follow the formal process OR establish your own guidelines based upon competence. Nowhere does it allow the entity to use cost as the factor upon which to choose a design professional.

Idaho Code **67-2320 (3)** In securing contracts for engineering, architectural, landscape architecture, construction management or land surveying services on projects for which the professional service fee is anticipated to be less than the total sum of twenty-five thousand dollars (\$25,000), the public agency or political subdivision may use the guidelines set forth in paragraphs (a) through (g) of subsection (2) of this section or establish its own guidelines for selection based on demonstrated competence and qualifications to perform the type of services required, followed by negotiation of the fee at a price determined by the public agency or political subdivision to be fair and reasonable after considering the estimated value, the scope, the complexity and the nature of services. (emphasis added)

Please feel free to contact me at 208-321-1736 or [tottens@amsidaho.com](mailto:tottens@amsidaho.com) if you need more clarification. "

#### **There is ambiguity in the Rule, as it is written.**

The Board has further directed staff to prepare a Rule amendment for the negotiated rulemaking period this summer.





# Statute and Rule Changes

## Rule change rejected by the 2014 Legislature

The 2014 Legislature rejected our proposed rule related to land surveyor education requirements (IDAPA 10.01.01) in the Board's Rules of Procedure. The Board had proposed to change the education standards for related science degrees in order to align with the National Council of Examiners for Engineering and Surveying (NCEES) model rule that most states agreed to adopt.

The current law, **54-1212(2)**, Idaho Code, offers two educational routes to licensure for surveyors. Route one is listed under **54-1212(2)(a)**, "graduates from an approved surveying program of four (4) years or more" unconditionally meet the educational requirements for licensure. The Idaho State University Geomatics Technology program is the only "Board approved" program in Idaho that qualifies under **54-1212(2)(a)**. Route two is listed under **54-1212(2)(b)**, "graduates with a bachelor's degree in a related science ... and evidence the applicant possesses the knowledge and skill approximating that attained through graduation of an approved four (4) year surveying program." The existing (and proposed) rule under IDAPA **10.01.01.017(c)** and **019(c)** describes the actual surveying courses needed that would approximate the requirements of the Board approved ISU program. The rule only addresses the educational requirements of route two (applicants with related science B.S. degrees as ISU Geomatics Technology graduates are already unconditionally approved).

The current rule in IDAPA **10.01.01.017(c)** and **019(c)** has 27 semester credits of specific survey courses and will remain in effect. The rejected rule would have increased the total survey courses to 30 credits with 24 credits of required specific surveying courses. It would have also required 18 semester credits in mathematics and science, and 16 semester credits in general education courses. The Senate had concerns about requiring any general education courses and did not agree that surveyors with related science degrees should have to take those courses to be licensed. Most colleges and universities require some general education courses to be taken in order to get a bachelor degree. The exact amount of general education and mathematics and science credits will not be specified by rule since this requirement was rejected.

### Statute Change Codes

54-1212(2),  
54-1212(2)(a)  
54-1212(2)(b)  
IDAPA 10.01.01.017(c) and 019(c)





# Statute and Rule Changes

## Rule changes considered in 2014

The Board is considering a rule that will expand the option of requiring a credentials evaluation for any applicant who graduates from a non-EAC/ABET accredited B.S. engineering program. This includes graduates of foreign and domestic institutions. It also removes the automatic exemption from foreign educated graduate students at U.S. universities unless their B.S. degree is accredited by EAC/ABET. The reason for this rule change is that it is difficult for the Board to find the course descriptions of colleges and universities from many years ago or from foreign colleges and universities to evaluate if courses are comparable to what is required by EAC/ABET. In addition, many universities are not requiring graduate students with non-EAC/ABET accredited B.S. degrees to make up undergraduate engineering courses prior to matriculating as graduate students.

Another rule change being considered by the board is one that creates a new section on international licensure evaluation. The Board is concerned applicants for engineering licensure from foreign countries may not have experience equivalent to U.S. experience. The rule change implements a requirement that applicants achieve a minimum of 2-years of experience using codes and standards similar to those used in the U.S. This rule would apply to countries where the Board has not recognized the equivalency of the licensing process. It does not apply to countries such as Canada where the Board has recognized the equivalency of their licensing process.





# Statute and Rule Changes

## Law changes considered by the Board in 2014 for introduction to the legislature in 2015



Idaho Code **54-1216** basically says once a licensee pays the renewal fee, the license is renewed. There are other sections of Idaho Code and the Board's rules that offer a "refuse to renew" category in disciplinary proceedings. This implies there are conflicting requirements related to renewal of a license. To remedy this, the Board is considering a change that would add the "completion of administrative requirements of Idaho Code and rules" as a condition of license renewal. The change also increases the late fees by 20% and increases the maximum late fee from \$300 to \$500. The goal is to provide more financial incentive for licensees to renew on time. Currently about 10% of license renewals are late.

There was a change in Idaho Code **54-1234** related to Penalty and Liability for Defacing Monuments in 2011 that inadvertently removed protections for monuments set by Idaho licensed land surveyors. The 2011 law change protects monuments set by agents and agencies of the U.S. or State of Idaho, but not those set by Idaho P.L.S. licensees. The law change corrects this error by reinstating the prior law provisions to include monuments set by an Idaho P.L.S.

The Records of Survey section of **55-1906** Idaho Code is proposed for modification that will add a "graphic scale" to maps recorded. Similar changes are proposed for Essentials of Plats, **50-1304** Idaho Code, where "bearing and length of lines, graphic scale of plat and north arrow" are added. The purpose of the change is to bring both mapping and platting requirements into alignment with each other. The existing law does not require basic elements such as a north arrow and graphic scale to be placed on plats. The new law will require it. It is essential for users of these survey products to be able to orient and understand the information on these maps and plats and for the requirements to be consistent.

### Statute Change Codes

54-1216

54-1234

55-1906

50-1304





# Statute and Rule Changes

## Law changes considered by the Board in 2014 for introduction to the legislature in 2015 (continued)

**50-1310**, Idaho Code was modified by the legislature in 2013 changing requirements for plat media used for recording purposes, but similar wording was not made in **50-1304** and **55-1905** where the media requirements should be identical to those identified in **50-1310**. The Board was not involved in this legislation directly. At its February meeting, the Board passed a motion to engage stakeholders in reviewing the language of the law and provide opportunity to make changes that would align all three sections of Idaho Code where plat or map media requirements are specified. Those interested in commenting on this change should contact Keith Simila at [keith.simila@ipels.idaho.gov](mailto:keith.simila@ipels.idaho.gov). The new language underlined in **50-1310** as follows:

**50-1310.** *Filing and recording -- Record of plats -- Filing of copy. (1) All approved plats of subdivisions shall, upon the payment of the required fees, be filed by the county clerk or county recorder, and such filing with the date thereof shall be endorsed thereon. The plat or opaque copy thereof shall then be bound or filed with other plats of like character in a proper book or file designated as "Records of Plats." (2) At the time of filing such plat, the owner or his representative shall also file with the county clerk or county recorder one (1) copy thereof. The copy shall be upon stable base drafting film with a minimum base thickness of 0.003 inches. The image thereon shall be by a photographic process using a silver image emulsion, or a process by which a copy is produced using a copy machine or by digital scanning and reproduction using black opaque drafting film ink. If a copy machine or ink is used, the surface shall be coated with a suitable substance to assure permanent legibility. The copy and image thereon shall be waterproof, tear-resistant, flexible, and capable of withstanding repeated handling, as well as providing archival permanence. The original plat shall be stored for safekeeping in a reproducible condition by the county. It shall be proper for the recorder to maintain for public reference a set of counter maps that are prints of the original maps. The original maps shall be produced for comparison upon demand. Full scale copies thereof shall be made available to the public, at the cost allowed in section **31-3205**, Idaho Code, by the county recorder.*

**Statute Change Codes**  
50-1304 and 55-1905  
50-1310  
31-3205







# Statute and Rule Changes

## Law changes considered by the Board in 2014 for introduction to the legislature in 2015 (continued)

Idaho Code **54-1212** allows graduate students of engineering programs to take the Fundamentals of Engineering (FE) examination after they graduate with a masters or doctoral degree. In some cases, graduate students may be delayed in graduating due to a lengthy thesis data and analysis process. The change proposed by the Board will allow graduate students to take the FE examination in the last two semesters of their coursework and not have to wait for graduation. This requirement aligns with undergraduate students who can take the FE examination in the last two semesters of their senior year.

The board presently consists of five members. By law, one must be a land surveyor and the other four must be engineers. In the past, the board has had one member who is licensed as both a land surveyor and an engineer. Examining the demographics of licensees, the board has determined that future dual licensed board candidates are decreasing in numbers significantly. The board sees value in having two licensed land surveyors as complex survey matters are normally deferred to them. Additionally, retaining diversity both geographically and between engineering disciplines is desirable. For these reasons, the board is proposing an increase in membership to codify two land surveyors and five engineers for board membership, along with a change in a quorum from 3 to 4 members. Changes to Board composition require a change to **54-1203** Idaho Code.

The Board, together with the Idaho Society of Professional Land Surveyors, is seeking to modify the definition of Land Surveying to be more consistent with laws of most states and the Model Law adopted by the National Council of Examiners for Engineering and Surveying (NCEES). To accomplish this, changes to the definition of "land surveying" in law (**Title 54 Chapter 12, 55 Chapter 19, and 50 Chapter 13, Idaho Code**) must be made.

The reasons for doing this are:

- *Land surveyors are asked to use their professional license to sign and seal work that is currently outside the legal definition of land surveying. When this happens, land surveyors are put in a position of sealing work they are not authorized by code to perform.*
- *The college education received and the national license examinations test for a body of knowledge much beyond boundary surveying and include the subjects identified in the expanded definition of land surveying proposed.*
- *Most surrounding states now have laws that are more inclusive of the work land surveyors perform. Idaho does not. This is a barrier to interstate and international licensure mobility, as the intent of the model law is to have similar provisions in each state.*

### Statute Change Codes

54-1212

54-1203



# Education



## ISU Meridian Campus needs more Land Surveying students

The ISU Geomatics program is a benefit to those living in the Treasure Valley. It offers students an option of obtaining their B.S. degree which is a requirement for licensure as a Professional Land Surveyor in Idaho. ISU is asking for help in promoting the program. A letter was sent to professional land surveyors in the state in order to make a final attempt to save the program offering in Meridian. If the Meridian campus closes, students will still have an option of getting their B.S. degree in Geomatics from the ISU program in Pocatello. Anyone interested in the Meridian program should contact Robert Liimakka at (208) 373-1807 or [liimrobe@isu.edu](mailto:liimrobe@isu.edu), or see their web site at <http://www.isu.edu/meridian/geomatics.shtml>.

## NNU seeks ABET accreditation

Northwest Nazarene University in Nampa, Idaho has applied for accreditation for their mechanical and electrical engineering programs. The ABET Readiness Review Committee has notified NNU they will proceed with NNU's Request for Evaluation application for the initial accreditation evaluation and site visit this year. ABET's on-campus visit will occur in early October. NNU will be notified sometime in 2015 of the final accreditation decision. In the meantime, the Board has approved NNU students for assignment to the FE examinations. NNU enrollment is now at 70 students and they have hired four new PhD engineering faculty, two of which are registered P.E.'s and the other two are preparing to take the Idaho PE exam. More information about the NNU program can be found at <http://www.nnu.edu/academics/academic-departments/engineering-and-physics>

<http://www.isu.edu/meridian/geomatics.shtml>.

<http://www.nnu.edu/academics/academic-departments/engineering-and-physics>





# Education

## BYU Idaho Seeks ABET Accreditation for the CE Program

Brigham Young University (BYU-Idaho) in Rexburg, Idaho has applied for accreditation for their civil engineering program. Their ABET review will occur in the summer or fall of 2014. They should receive notification from ABET in the summer of 2015. In the meantime, the Board has designated emeritus Board member Dr. James Milligan to review their program and report on their progress. Once the report is received, the Board will consider assigning BYU CE seniors to the FE examination on an individual applicant basis. When BYU Idaho receives their accreditation, the CE program will be considered to have met all the educational requirements of the Board.

## Masters or Equivalent

The National Council of Examiners for Engineering and Surveying (NCEES) adopted a change in the model law that changes the educational requirements of engineering students from requiring a Bachelor of Science degree to requiring a Master's degree or equivalent. This change was made several years ago with the intent of implementing it only for new graduates of engineering programs in 2020 or beyond. The board formed a subcommittee to evaluate how and when this requirement could be applied in Idaho. Many universities are asked to decrease the number of credits required for graduation with a BS degree. This has resulted in fewer engineering and science related courses required for graduation. At the same time, the body of knowledge required of new graduates to be proficient in practice has increased. The subcommittee is still in the discussion phase with representatives of various professional societies and universities in Idaho and is seeking input from stakeholders.

# Education

## University of Idaho offers Masters Degrees and other professional development options online

### Engineering Outreach

Engineering Outreach (EO) at the University of Idaho is an established, competitively priced distance education program with almost 40 years of experience delivering courses to students throughout Idaho, the United States, and the world. EO offers 10 master's degree programs, nine academic certificates and nondegree coursework all completely online. The program delivers more than 70 continually updated courses each semester. Engineering Outreach instructors are the same instructors who teach regular College of Engineering courses.

In addition, EO's student services coordinators provide personalized assistance to EO students. Student support services staff coordinate the admission and registration processes; facilitate communication between students, instructors, and university departments; manage and distribute course materials; coordinate the examination process; and provide technical support for the online elements of EO courses.

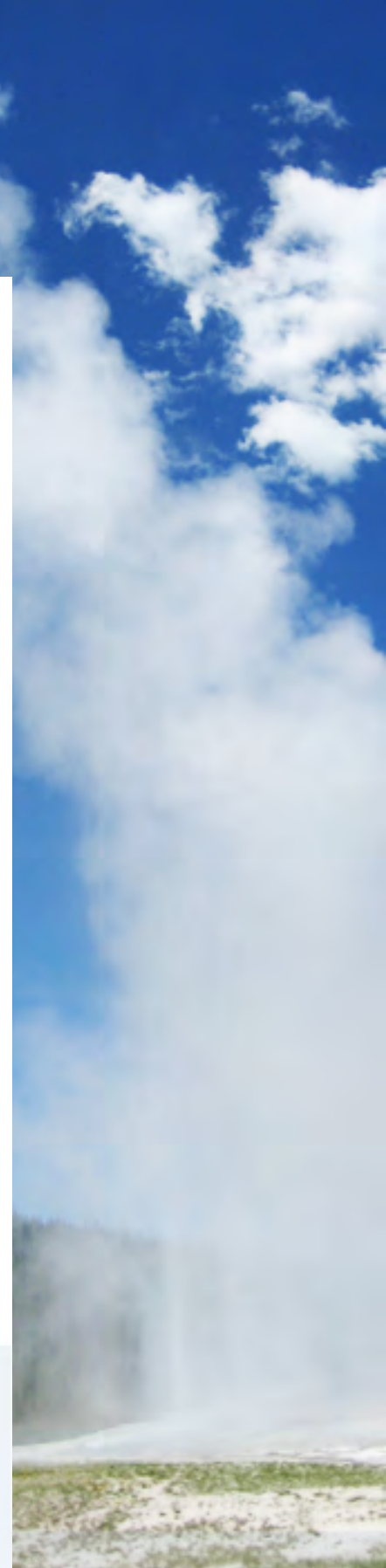
### EO website

EO's website, [eo.uidaho.edu](http://eo.uidaho.edu), is the main hub for communication between EO students, professors and staff. Current students use the EO Portal on the website to access course lectures, which are available one hour after they are taught live on campus and can be viewed online or downloaded in a high-resolution MP4 format. This secure portal is also where students view handouts, homework, and graded materials, and proctors access exams.

### EO students

EO has opened the gate to higher education for many types of students around the world. The armed services have used EO courses to bring their officers and other service personnel up to date, and the Defense Activity for Non-Traditional Education Support (DANTES) program selected Engineering Outreach as a graduate program that meets the needs of U.S. military students.

EO is also an excellent resource for professionals working for businesses in engineering industries around the state who are looking to further their educations and advance their careers.





# Education

## Master's Degree Programs

- Electrical Engineering
- Mechanical Engineering
- Civil Engineering
- Computer Science
- Computer Engineering
- Engineering Management
- Technology Management
- Geological Engineering
- Statistical Science
- Teaching Mathematics

## Focus Areas

- Business
- Nuclear Engineering
- Psychology — Emphasis in Human Factors
- Water Resources

## Academic Certificates

- Electric Machines and Drives
- Statistics
- Structural Engineering
- Applied Geotechnics
- Analog Integrated Circuit Design
- Secure and Dependable Computing Systems
- Process & Performance Excellence
- Power System Protection and Relaying
- Communication and Control for Power Transmission and Distribution

## Boise State University College of Engineering offers a diverse engineering program

Our highly trained faculty are a valuable asset to Idaho's public and private sectors. Their vast expertise includes a wide range of disciplines, like microelectronics, material science, environmental engineering, to name only a few. Faculty members are instrumental in obtaining substantial grants and gifts from industry for equipment to support both introductory and advanced studies in microelectronics, integrated design, device mechanics, robotics, fluid mechanics, and soil mechanics.

The graduate and undergraduate curriculums are designed to integrate the needs of students with those of local industry and governmental agencies. Students are strongly encouraged to participate in internships during their college career. These internships, which provide university credit, can be in the form of part time employment during the school year or full-/part-time employment during the summer.

# Education

## Boise State University College of Engineering offers a diverse engineering program (continued)

### The success of our programs relies heavily on five major entities:

- dedicated students who are motivated by the desire to succeed and who demand quality education
- faculty who have come to BSU with a wide range and variety of industry and academic experience and the desire to teach and conduct research
- an administration which places a high value on quality education and scholarly activity
- advisory boards from industry which provide invaluable support and guidance
- Idaho taxpayers who recognize both the value and cost of high quality, professional education

### Departments within the College of Engineering

- Civil Engineering
- Computer Science
- Construction Management
- Electrical & Computer Engineering
- Materials Science & Engineering
- Mechanical & Biomedical Engineering
- Organizational Performance and Workplace Learning

For more information visit <http://coen.boisestate.edu>





A photograph of a snow-covered path winding through a forest of evergreen trees heavily laden with snow. The path leads towards a bright, hazy horizon.

## Examinations

### **New Venue For The P.E. And P.L.S. Examinations**

There is a new venue for the professional examinations for engineering and surveying. NCEES has contracted with the Grove Hotel in Boise as the new location for these examinations. The Grove Hotel is located at 245 South Capitol Boulevard (corner of Front Street and Capitol Blvd). The new venue was effective for the April examinations and will continue at that location for the foreseeable future. The prior venue at the fairgrounds will no longer be used.

### **Computer Based Testing (CBT) Is Fully Implemented**

The Fundamentals of Engineering (FE) and Fundamentals of Surveying (FS) examinations converted from paper and pencil to CBT effective January 2, 2014. Enrollment is now continuously open. The exams will be offered in two month increments as follows: April-May; July-August; October-November and January-February. Students need to apply to the Board for assignment prior to reserving a seat at a Pearson-Vue testing center. The testing center at BYU Idaho in Rexburg is now available for enrollment for examinations. For more information, go to the NCEES web site at this address: <http://cbt.ncees.org/cbt-faq/>. If applicants are encountering problems with the testing centers due to capacity or other issues, we would like to hear from you. Please send a note to [keith.simila@ipels.idaho.gov](mailto:keith.simila@ipels.idaho.gov) so we can address any concerns.





## Pearson-Vue Sites Available

Name: **Pearson-Vue Professional Center - Boise**

Address: 1951 South Saturn Way, Suite 200, Boise

Capacity: 8 Seats, Open M-F 8-5

Name: **Idaho State University**

Address: 1001 S.8th Ave, Pocatello, ID

Capacity: 5 Seats; Open M-F 8-4

Name: **Pearson Professional Centers – Spokane**

Address: 1410 N. Mullan Rd, Spokane Valley, WA

Capacity: 10 Seats; Open M-Sat 8-8

Name: **University of Idaho**

Address: Mary E. Forney Hall, Rm 306, 875 Perimeter Drive, Moscow, ID

Capacity: 5 Seats; Open M-F 8-5

Name: **BYU Idaho**

Address: Testing Center, Manwaring Center #5, Rexburg, ID

Capacity: 5 Seats; Open M 8-6, T-F 8-10, Sat 8-5



## Examinations

### New Idaho Professional Engineers and Land Surveyors Licensed by Examination in December 2013

L-15756 DANIEL MASON GEISINGER LS

L-15757 JAMIE DUANE HANSEN LS

L-15758 ERIC J. HOWARD LS

L-15759 RYEN LAVERL JOHNSON LS

L-15760 JEFFERY R. SWANN LS

P-15769 SHAWN WILLIAM ALLRED ME

P-15770 DONALD J. BLOOMQUIST ENVE

P-15771 DEREK ALLEN BROSIOUS CE

P-15772 ADAM L. BUTIKOFER CE

P-15773 INDRAJITCHARIT METE

P-15774 JASON ANDREW CLACK EE

P-15775 DENIS E. CLARK METE

P-15776 BRANDON TRENT CLINKSCALES EE

P-15777 BRIAN PACKER DURTSCHI ME

P-15778 ANDY ELLIOTT CE

P-15779 PETER B. ESCHBACHER CE

P-15780 ARTHUR ESPLIN EE

P-15781 FRANK PAUL GARIGLIO CE

P-15782 CHRISTOPHER GLANCEY ME

P-15783 MATTHEW MEYER GREGG CE

P-15784 RICHARD GRIMMETT EE

P-15785 FRANK MORGAN GROHS ME

P-15787 DABNEY RUTH VEATERHARRIS CE

P-15786 DAVID H. HARRIS EE

P-15788 JASON HESSE ME

P-15789 TODD W. HUBBARD CE

P-15790 JONATHAN S. JENSEN EE

P-15791 MORGAN KENT ME

P-15792 YANG LU CE

P-15793 DAVID D. MILES ME

P-15794 JEREMY JONMUELLER CSE

P-15795 TYLERMUZZANA ME

P-15796 RUSSEL C. NISHIKAWAME

P-15797 MARK B. PFEIFER EE

P-15798 BOYD KENT ROWE ME

P-15799 JONATHAN K. RUSH CE

P-15800 STEPHEN ALANSCHMIDT ME

P-15801 BENJAMIN GAINES TAYLOR CE

P-15802 ERIC SHAWN VAN LEUVEN ME

P-15803 WILLIAM R. WATSON ME

P-15804 RYAN WETHERALL ME

# Enforcement

## Disciplinary Actions

The following final formal actions have been taken by the Board since publication of NEWS BULLETIN No. 52 in November of 2013.

### **Docket No. FY14.03 IN THE MATTER OF WILLIAM JAMES MILLER, P.E.**

The matter relates to disciplinary action taken in another state. Respondent offers and agrees to voluntarily surrender and permanently terminate his license as a Professional Engineer, Idaho License No. P-13893. Respondent surrenders this license while under investigation by the Staff for allegations that might be determined to be a license law/rule violation. By surrendering his license, Respondent is not admitting guilt. Rather, it is his intent to not practice engineering in the future in Idaho, and he waives the right to apply for a reinstatement in the future. Approval of this stipulation by the Board shall not be construed as a finding or determination by the Board that any such violations actually occurred.

### **Docket No. 14.12 IN THE MATTER OF KURTIS JAMES ROLAND P.L.S., License No. L - 9369**

Respondent was retained to work on a project constructing several miles of sewer trunk line in and near the City of Chubbuck for the City of Chubbuck. Respondent was retained to "reference and reset monuments" as specified in the Idaho Standards for Public Works Construction § 2020. Substantial completion for the project was issued in July 2011, however, the survey monuments had not been recorded with the County. Upon learning that the corner perpetuation and filing (CP&F's) had not been recorded, Respondent was contacted by the consulting engineer for the City in October 2013. Respondent ultimately recorded the CP&F's on January 30, 2014. However, at that time, his professional land surveying license had lapsed. This conduct violated Idaho Code § 54-1604 requiring corner records to be filed within ninety (90) days after the survey is completed, and § 55-1904 requiring surveys to be recorded within ninety (90) days after completing any survey.

Upon this Stipulation and Consent Order and the record, the Staff and Respondent agree that the Board may enter an Order to Respondent and require the following: a) That the Board admonishes Respondent for the conduct specified in paragraph 3; b) That within thirty (30) days after the date of the Certificate of Service of the Final Order, after it is accepted by the Board, Respondent shall tender to the Board a check in the amount of \$500, payable to the General Fund of the State of Idaho, as an administrative penalty.



# Enforcement

## **Docket No. FY 14.02 IN THE MATTER OF LISA VERNON, P.E., ELITE EDGE ENGINEERS. Part 1**

Tyler Haney, P.E., was employed by Elite Edge Engineers, PLLC from March 28, 2011, until March 17, 2012. On or about November 1, 2012, the Elite Edge Engineers, PLLC's website removed information regarding Tyler Haney, P.E., as an Elite Edge engineer.

On or about September 2, 2013, Jason Wolfe, P.E. was no longer employed with Elite Edge Engineers, PLLC. However, as of September 26, 2013, Mr. Wolfe was listed as an Elite Edge engineer. Additionally, at that time, several projects completed by Engineers Jason Wolfe and Tyler Haney before being employed by Elite Edge Engineers, PLLC were listed as Elite Edge Engineers, PLLC projects and services. With regard to Tyler Haney, P.E., pre-Elite Edge Engineers, PLLC work represented on the website, it included a canopy/gazebo, a culvert, and a fire inspection on structure inspections. With regard to Jason Wolfe, P.E., pre-Elite Edge Engineers, PLLC work represented on the website, it included a hydraulic analysis, a bridge design from Bend, Oregon, a retaining structure of the Idaho State Veterans Cemetery, all of which were accomplished before he was retained at Elite Edge Engineers, PLLC.

Tyler Haney contacted the principle engineer Lisa Vernon from Elite Edge Engineering, PLLC on October 16, 2013, and specifically requested that all such information designed by him for a previous employer (Treasure Valley Engineers) be removed from the Elite Edge Engineers, PLLC website. That request was repeated on October 28, 2013, to which Lisa Vernon, P.E., responded that the requested changes would be taken care of at the next scheduled website updates in January 2014. As of February 2, 2014, the website changes had not occurred and neither Elite Edge Engineers, PLLC nor Lisa Vernon, P.E., had accomplished the changes to the website as requested. This information, if proven, may be a violation of IDAPA 10.01.02.009.2. As of February 3, 2014 the Elite Edge Engineers PLLC website was locked with no information accessible.

Respondents, without admitting any wrongdoing, admit that the facts and violations specified above could be found to be sufficient grounds for the remedies specified in the paragraphs below, and that a determination by the Board that Respondents committed any one or more of the allegations set forth would empower the Board to take disciplinary action against Respondents.

# Enforcement

## **Docket No. FY 14.02 IN THE MATTER OF LISA VERNON, P.E., ELITE EDGE ENGINEERS. Part 2**

Staff and Respondents agreed and the Board Ordered:

a) That the Board admonishes Respondents Elite Edge Engineering, PLLC and Lisa Vernon P.E., for the conduct specified;

b) Respondent Elite Edge Engineering, PLLC shall tender to the Board a check in the amount of One Thousand, Five Hundred Dollars (\$1,500), payable to the General Fund of the State of Idaho, as an administrative penalty;

c) Respondent Lisa Vernon, P.E., shall tender to the Board a check in the amount of One Thousand Dollars (\$1,000), payable to the General Fund of the State of Idaho, as an administrative penalty;

d)

Respondents agreed to immediately lock down the website and reflect it is under construction until all necessary changes are complete as required by Rule 009.2.;

e) that failure to comply with (b, c, or d) above within the required periods of time shall result, without any further hearing, in the immediate suspension of Respondents' license or certificate to practice professional engineering by Staff until such time as the requirements are met.

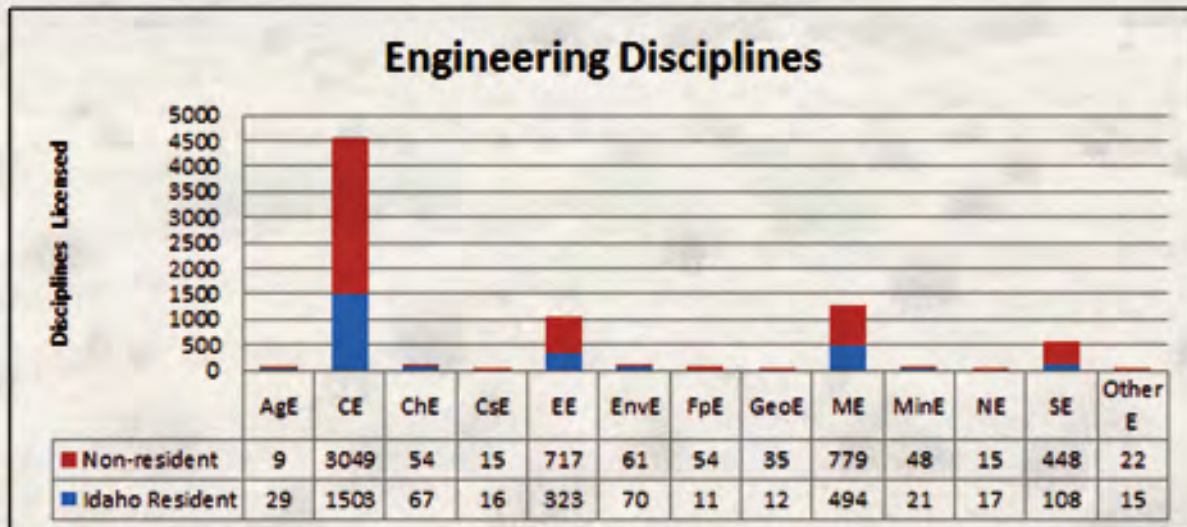
Notice of such action sent to the most current address provided by Respondents to Staff shall be deemed sufficient. Staff has the authority to reinstate any such suspension after the requirements are met and;

f) the Respondents shall assume all costs of complying with this Stipulation and Consent Order.



# Enforcement

## Licensed Engineers by Disciplines where Examinations were Taken and Passed\*



\*Idaho does not license by discipline, but engineers have passed PE examinations in their primary area of competence. Some licensees have passed multiple examinations. The data represents currently active licensees only.

## Surrender/Retirement Of Licenses

Blotter, Douglas L., P.E. of Rio Rancho, New Mexico agreed to convert his license to retired status.

Manwill, Billy S., P.E./P.L.S. of Rexburg, Idaho agreed to convert his license to retired status.

Schiweck, Paul A. P.E. of Lewiston, Idaho agreed to convert his license to retired status.

Smith, Wesley B., P.E. of Boise, Idaho agreed to convert his license to retired status.

## In Memory Of Those Recently Deceased

W. G. Atteberry	CE 3367 Cambridge ID	3/19/13
James H. Stannard	ME 2044 Vineland NJ	5/14/13
George M. Lostra	CE, SE 3012 Elko NV	5/15/13
George Hamilton	CE, LS 3538 Twin Falls ID	4/16/13
Charles O. Faris	CE 1293 Bellevue WA	1/29/13
Finas C. Harvey	EE 989 Boise ID	5/15/13
Walter L. Caswell	LS 921 Council ID	5/27/13
Robert J. Fossatti	CE 2760 Seattle WA	8/26/13
Brian L. Trapp	CE, SE 9174 Bothell WA	1/12/11
Peter A. Potvin	ME 6538 Maple Grove MN	8/2/13
Darin Richard Pedersen	CE 10539 Colbert WA	9/14/13
William A. Sylvies	CE 1043 Meridian ID	9/20/13
Ralph J. Baum	ME 2796 Issaquah WA	1/4/14
David Manthey	E - 8167 Highlands Ranch CO	12/17/13

### Calendar Of Upcoming Events

May 15-17, 2014 NCEES Western Zone Meeting in Lincoln, NE

May 22-23, 2014 ISPE Meeting, Boise, Idaho

June 5-6, 2014 Board Meeting in Boise, Idaho

August 7-9, 2014 Board Retreat in Riggins, Idaho

August 20-23, 2014 NCEES Annual Meeting in Seattle, WA

September 10-11, 2014 Board Meeting in Boise, Idaho

October 24-25, 2014 PE/PLS Examinations in Boise, Idaho

November 6-7, 2014 Board Meeting in Boise, Idaho

### NOTICES

To help us target your requirements with our services, we would like to hear from our licensees, certificate holders and interns on your views, priorities and what issues are important to you for the news bulletins. Please send comments to [keith.simila@ipels.idaho.gov](mailto:keith.simila@ipels.idaho.gov).

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